

**ABSTRACT**

**METHOD FOR STORING REGISTER PROPERTIES IN A DATASTRUCTURE  
AND RELATED DATASTRUCTURE**

5           The present invention relates to a method for storing register  
properties of a hardware device having heterogeneous memory in a  
datastructure. This hardware device is built according to a structure of  
modules and dependent sub-modules wherein the register properties  
correspond to register properties of the modules and sub-modules. This  
10 method comprises the step of storing the register properties in a data-  
structure according to the structure of the hardware device and the register  
properties are arranged in an array for each module or dependent sub-  
module.

15           Fig. 1